

UNMANNED UNDERWATER VEHICLE TURBINE POWERED CHARGING  
SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A charging system for an unmanned underwater vehicle (UUV) is disposed within a submerged docking station. The charging system includes a battery, one or more generators, and a charge controller. The battery supplies electrical power to an electrical distribution bus in the docking station. The charge controller monitors the charge state of the battery and, when needed, activates one or more of the generators to recharge the battery. The charge controller also activates one or more of the generators when a UUV is docked in the docking station for recharging of its power plant.